

Interview @ 2 pm

FAX COVER SHEET

TO	
COMPANY	
FAX NUMBER	17037469099
FROM	Ken Backus
DATE	2004-10-06 06:14:00 GMT
RE	Agenda for Teleconference

COVER MESSAGE

Examiner Thai,

Thank you for making time to discuss this case. I look forward to talking with you.

Regards,
Ken Backus

For Discussion Purposes Only
Not intended to be Part of Record Application
Serial No. 09/851,640
Attorney Docket No. VRTY-001/00US

Agenda for Teleconference

A telephonic interview in the above-referenced case has been requested in the above-identified case (1) to generally discuss the Furegati reference (US Pat. No. 5,966,704) and the subject application and (2) to discuss the Furegati reference as applied at least to claim one of the subject application. The Applicants wish to thank the Examiner for her time and attention in this case.

General Discussion

I. Furegati

Furegati relates to a new storage organization based on new organization of storage planes to freely extend an ability to store file data. In particular, Furegati overcomes problems in data handling software of DBMS and file systems that require a complete database unload/reload before increasing the number of partitions, both of which

nevertheless has maximum upper limitations of size and number of partitions. Importantly, Furegati stores particular information units either on storage devices with direct access, or on cheaper/slower storage media without direct access, hence freeing space on relatively expensive storage devices.

II. The Subject Application

The invention allows parametric searches to be performed without the generation of SQL statements that need to be processed by a database. Consequently, sophisticated knowledge of the database architecture is not necessary. The parametric searches of the invention are relatively fast as they are directly processed in connection with a parametric index. Since the parametric index can be defined solely with fields and document identifications, it is relatively small. Therefore, the parametric index can be stored in primary memory, which facilitates rapid access and processing of the data within the parametric index.

This stands in sharp contrast to the amount of time required to process database information stored in secondary memory, such as Furegati. Another advantage of the invention is that it allows standard text search results to be incorporated into parametric searches.

Cited teachings of Furegati

I.

forming a parametric index from an indexed database, said parametric index using categorical attributes to reference a subset of elements where said categorical attributes are qualitative parameters;

A(1). "[B]oth parametric index table types 47 and 48 (single- and multi-valued ones) are organized very similarly, each consisting of a reference pointer (471 for the single-value table 47, 481 for multi-value tables 48) serving as a link to the particular reference pointer 463 in the body data table 46. In each index table 47 or 48, the reference pointer is associated with the particular index elements and their values." Furegati, col. 8, lines 8-15.

A(2). "[T]he parametric index is an arrangement of data from the inverted index that is organized according to qualitative parameters (i.e., categorical attributes)," see Specification, p. 4, lines 4-5

B(1). "Data Container" as a "storage segment."
"The storage segments 11 can be dealt with as containers each having a certain storage capacity and configuration, also referred to as storage segment structure." Furegati, col. 4, lines 17-20. "[A] particular storage segment is determined by a predefined relation between information unit types and storage segment types. []The mapping process between information units and storage segments is performed based on descriptions of the involved information unit type and storage segment type which apply in a particular situation.." Furegati, col. 6, line 62 to col. 7, line 4.

B(2). "The inverted index 32 is a database indexed according to a predetermined schema." Specification, p. 3, line 32. "[P]rocess the inverted index 32 to produce a parametric index 36." Specification, p. 6, line 4-6.

II.

merging said first parametric group and said second parametric group to produce a merged parametric group; and

"As used herein, the term merge refers to any logical operation performed between two or more parametric groups." Specification, p. 4, lines 22-24.

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